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TO: U. S. Patent and Trademark Office
Technology Center 1600
Attn: Examiner, Padmavathi Baskar
Art Unit: 1645

FAX NO.: (703) 872-9306

DATE: November 3, 2004

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CLIENT NO.: 1889-00401

TOTAL NUMBER OF PAGES (INCLUDING THIS ONE)

6

COMMENTS:Re: U.S. Patent Application No. 09/833,017
Filing Date: April 10, 2001
Applicant(s): Dennis Cvitkovitch et al.

The following documents are attached for filing:

Transmittal Form (PTO/SB/021) (1 p.)

Amendment and Response to Office Action dated September 3, 2004 (4 p.)

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being sent by facsimile transmission on the date shown below to the facsimile number above to the U.S. Patent and Trademark Office, in accordance with 37 CFR § 1.6(d).

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0032

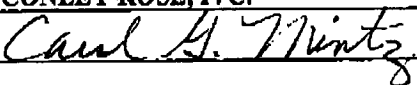
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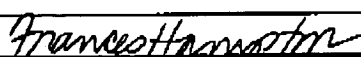
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/833,017
		Filing Date	April 10, 2001
		First Named Inventor	Dennis Cvitkovitch et al.
		Art Unit	1645
		Examiner Name	Padmavathi Baskar
Total Number of Pages in This Submission		Attorney Docket Number	1889-00401

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <p align="center">• Fax Transmittal Cover sheet</p>
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	CONLEY ROSE, P. C.	
Signature		
Printed name	Carol G. Mintz	
Date	November 4, 2004	Reg. No. 38,561

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Typed or Printed Name	Frances Hampton		
Signature		Date	November 4, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/833,017 Confirmation No. 8365
Applicants : Dennis Cvitkovitch et al.
Filed : April 10, 2001
For : Signal Peptides, Nucleic Acid Molecules and
Methods for Treatment of Caries

TC/A.U. : 1645
Examiner : Padmavathi Baskar

Customer No.: 23505
Atty. Dkt. No.: 1889-00401
Date: November 4, 2004

AMENDMENT AND RESPONSE TO OFFICE ACTION DATED SEPTEMBER 3, 2004

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks/Arguments begin on page 4 of this paper.